

## THRUST NEEDLE ROLLER BEARING

**Publication number:** JP2002070872

**Publication date:** 2002-03-08

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**Applicant:** NSK LTD

**Classification:**

- International: **F16C33/54; F16C19/46; F16C33/46; F16C19/22;** (IPC1-7): F16C33/54; F16C19/46

- European:

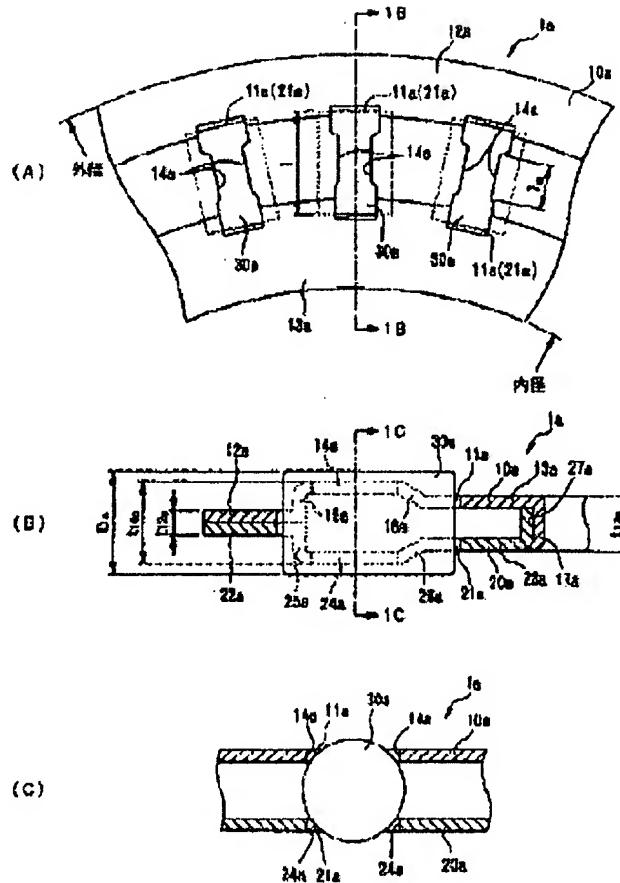
**Application number:** JP20000260028 20000830

**Priority number(s):** JP20000260028 20000830

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### Abstract of JP2002070872

**PROBLEM TO BE SOLVED:** To provide a thrust needle roller bearing in which an increase of lubricating oil passing through per unit time is attained by improving at least one of either inflow or outflow characteristic of lubricating oil. **SOLUTION:** In the thrust needle roller bearing 1a, two pieces of retainers 10a, 20a have roller retaining parts 14a, 24a of which radial length 1a is set shorter than a roller length 1, and by folding at least one of two pieces of retaining parts 14a, 24a, at least one of thicknesses t12a, t13a in vertical direction at an outside part and an inside part radially of the roller retainer 14a, 24a is formed to be thinner than thickness t14a in vertical direction of roller retaining parts 14a, 24a.



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